

## interior/exterior doors



catalog 1960

**Bilco**<sup>®</sup>doors for  
special services

## roof scuttles / ceiling access doors



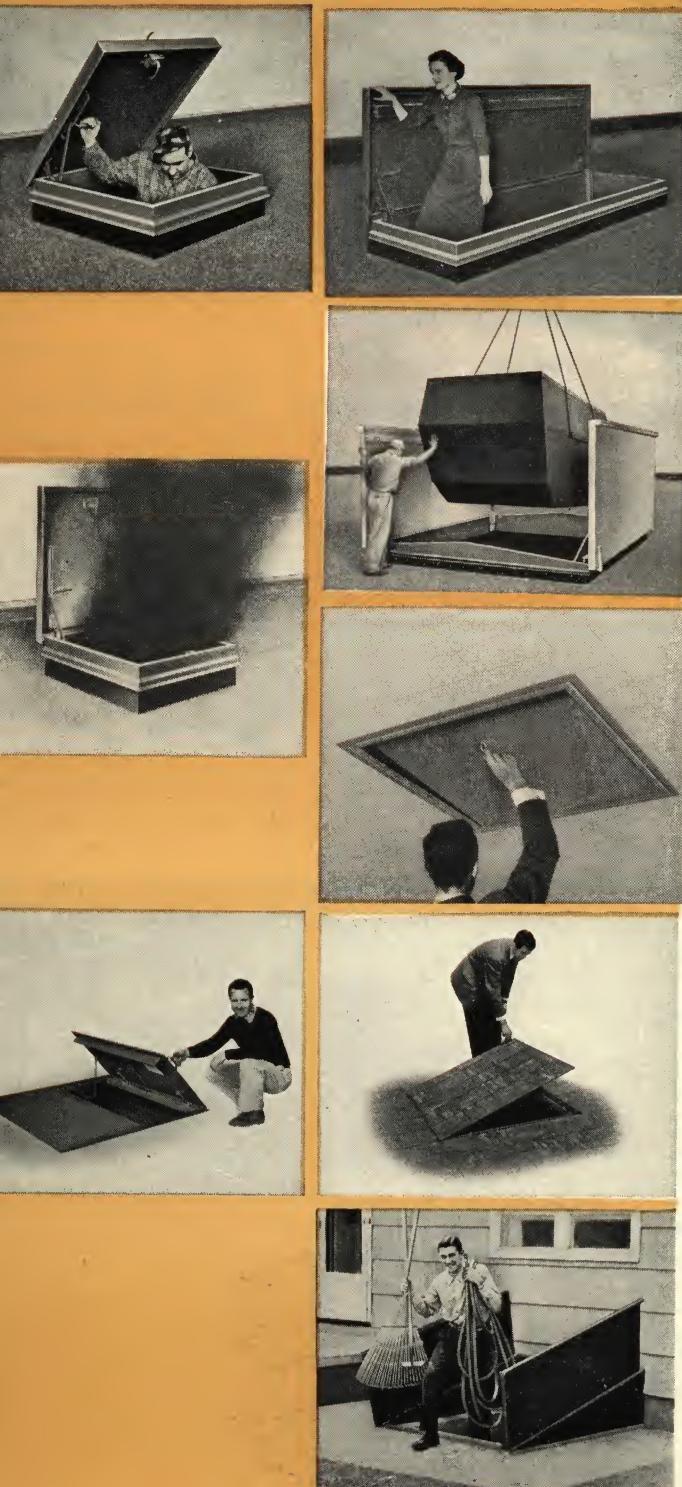
## basement doors



THE BILCO COMPANY, NEW HAVEN 5, CONNECTICUT

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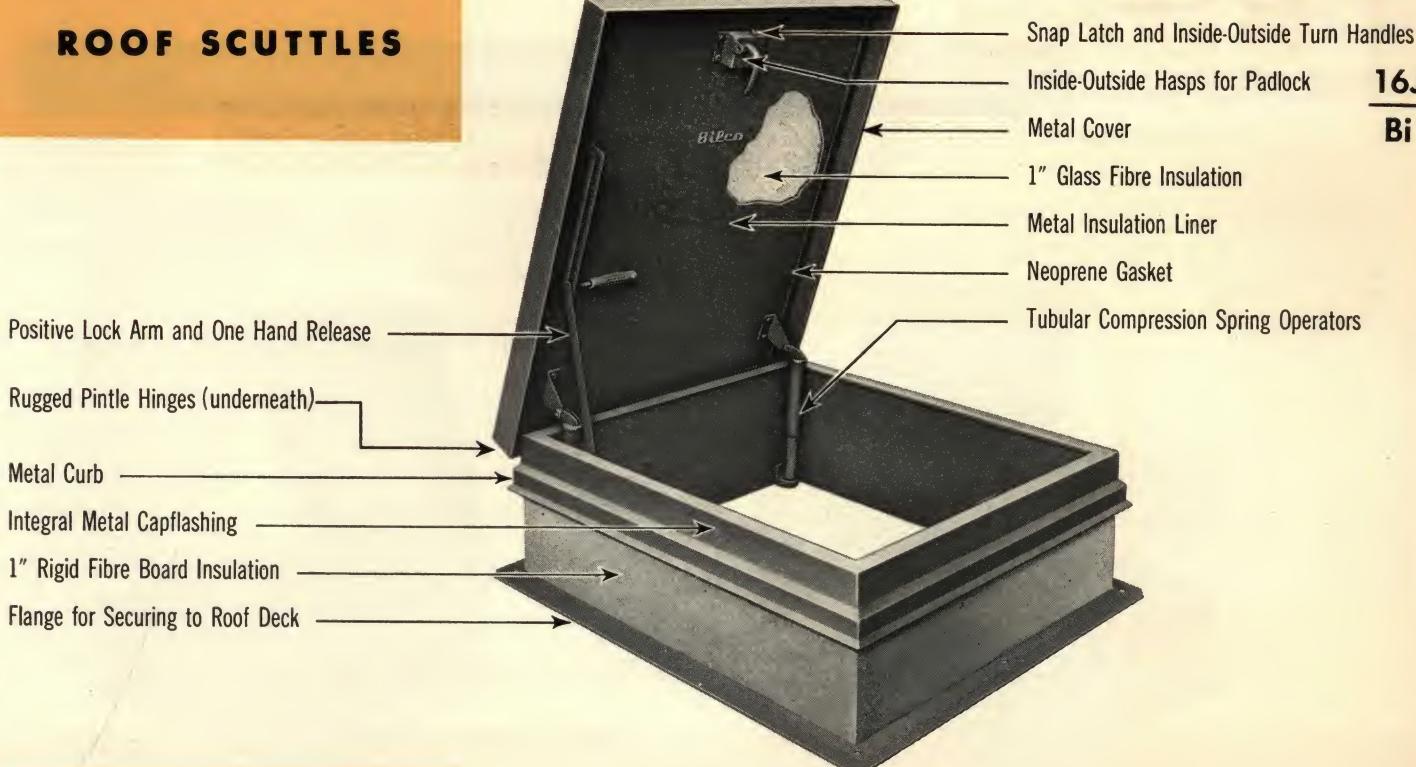
*Prices shown in this catalog are F.O.B. New Haven, Conn., U.S.A.  
and are subject to change without notice.*



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## ROOF SCUTTLES

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Bi



### advantages and features

Bilco scuttles are of the very finest workmanship and designed to provide a permanent, economical, and trouble-free means of access to the roof.

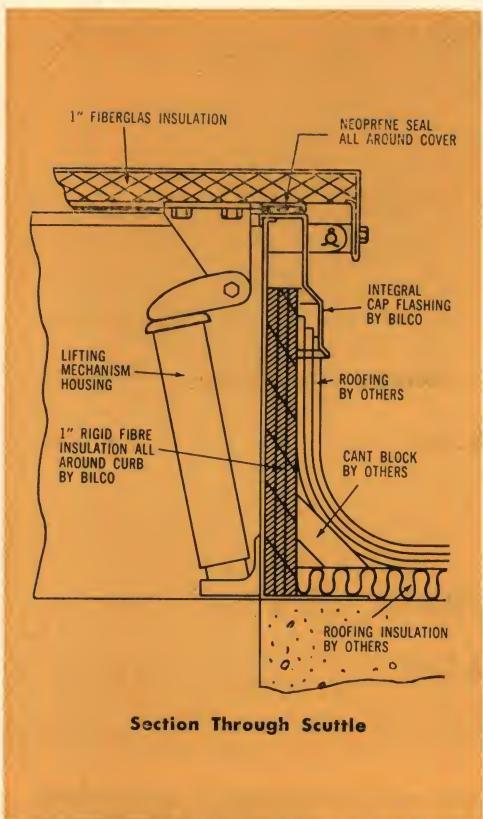
**EASY TO INSTALL.** Installation is just a matter of placing the scuttle over the roof opening and securing with nails or bolts through holes provided in the flanges. Roofing material is inserted under the integral capflashing.

**SMOOTH OPERATION.** Bilco compression spring operators "float" the cover for effortless opening and closing. One hand cover release affords both convenience and safety.

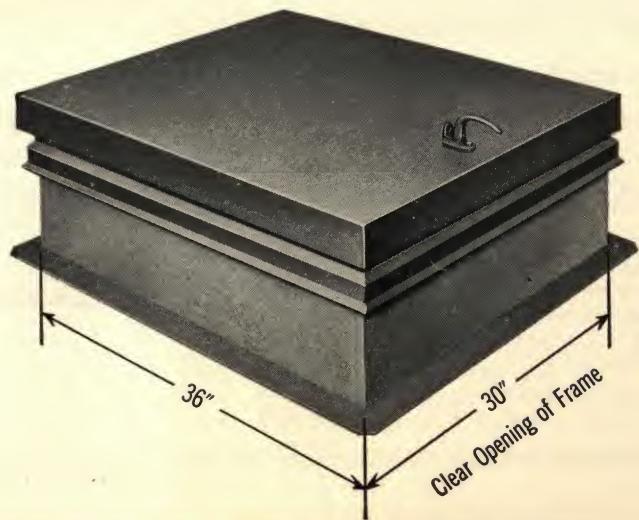
**WEATHERTIGHT.** Integral capflashing, full welded corner joints and neoprene draft seal make the Bilco scuttle absolutely weather-tight.

**RUGGEDLY BUILT.** Bilco scuttles are of extra sturdy construction throughout to withstand rough use. The box type cover design pivoting on rigidly fastened hinges makes the unit extremely rugged.

**NOTE:** All scuttles may be installed on either flat or sloping roofs. When installed on a sloping roof, the hinge side of the scuttle must run *with* the slope of the roof for best operation.



Spring Operator and Release Handle



## ROOF SCUTTLES Standard Types and Sizes

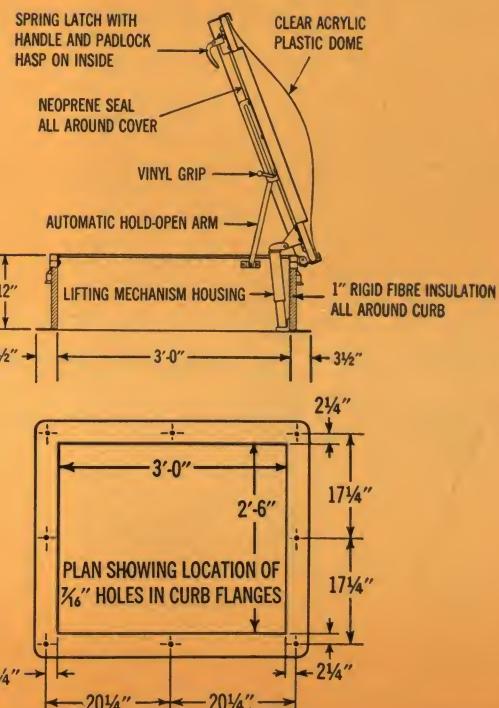
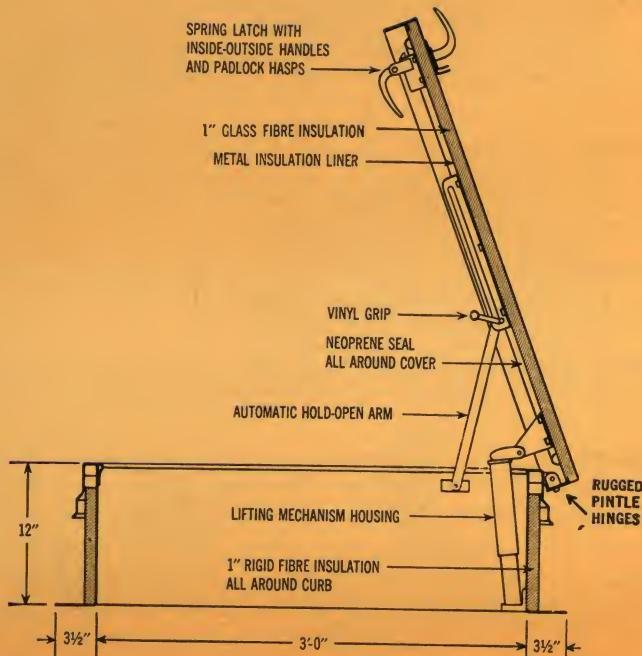
**type  
"S"**

**Clear Opening 2'6" x 3'0"  
For Ladder Access**



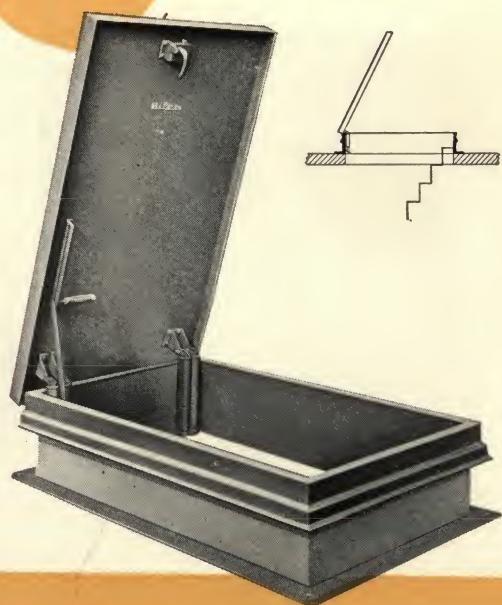
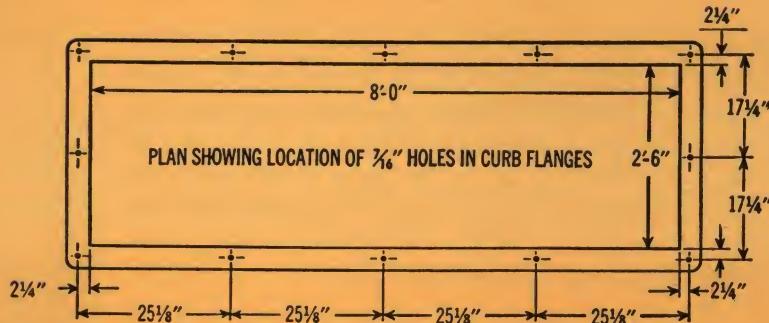
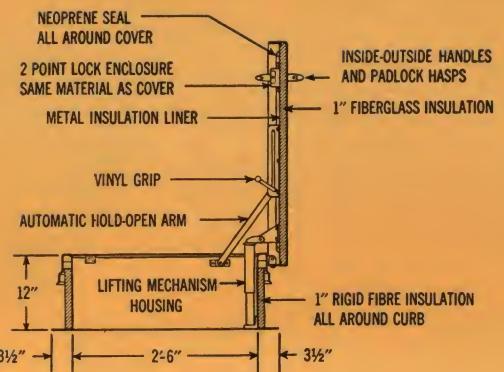
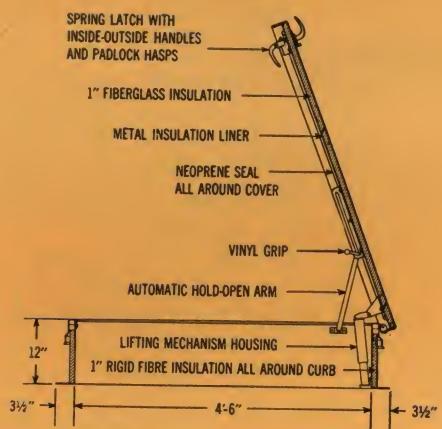
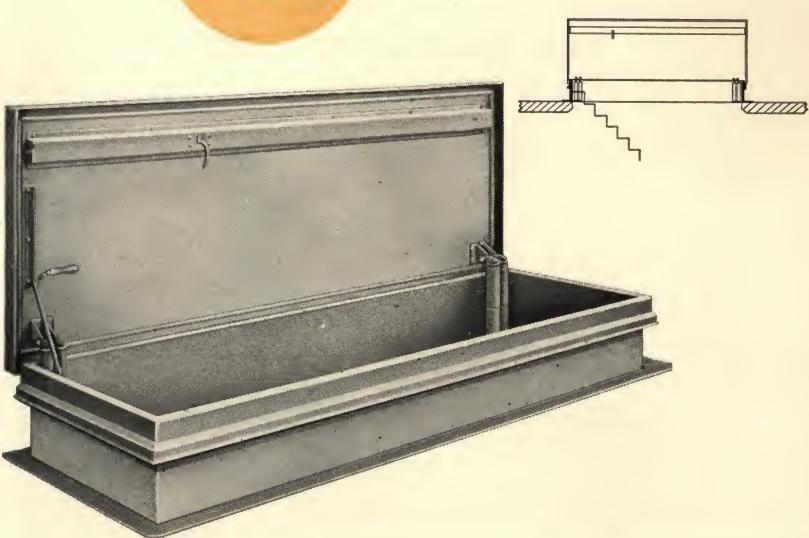
**type  
"GS"**

**Clear Opening 2'6" x 3'0"  
For Light and Ladder Access**



### materials, prices and weights (other metals and insulations available)

M E T A L S	Gauge of Metal		TYPE S			TYPE GS			TYPE N			TYPE L		
	Cover & Curb	Cover Liner	Type No.	Price	Wt. Lbs.									
Steel, Prime Painted	14 Ga.	22 Ga.	S-10	\$ 92.	160				N-10	\$152.	209	L-10	\$224.	350
Galvanized Steel, Prime Painted	14 Ga.	22 Ga.	S-20	99.	165				N-20	163.	217	L-20	240.	362
Aluminum	11 Ga.	18 Ga.	S-50	139.	85	GS-50	\$183.	160	N-50	207.	103	L-50	349.	173
Copper	48 oz.	16 oz.	S-70	233.	152	GS-70	289	224	N-70	349.	200	L-70	603.	332

type  
"N"Clear Opening 2'6" x 4'6"  
For Steep Stairstype  
"L"Clear Opening 2'6" x 8'0"  
For Normal Stairs

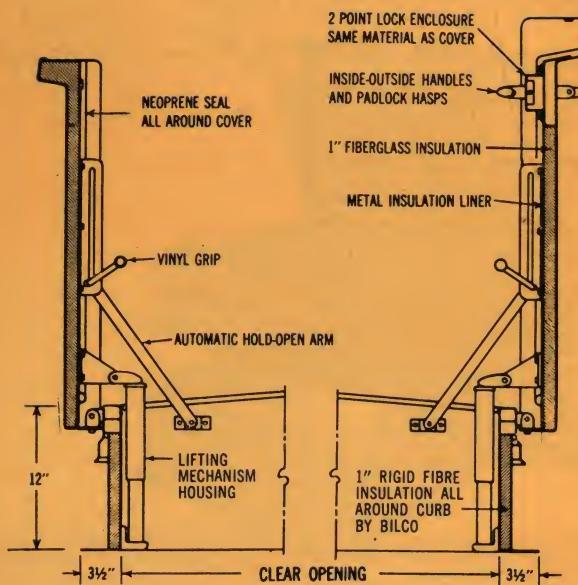
## specification

Furnish and install where indicated on plans metal roof scuttle Type — as manufactured by The Bilco Company, New Haven 5, Connecticut. Cover shall be (state metal and gauge for Type specified) with 3" beaded flange, neatly welded and ground at corners. Insulation shall be glass fibre 1" in thickness, fully covered and protected by a metal liner (state metal and gauge for Type specified).

Curb shall be 12" in height and of the same gauge and material as the cover. It shall be formed with a 3 1/2" flange with holes provided for securing to the roof deck. Curb shall be equipped with an integral metal capflashing of the

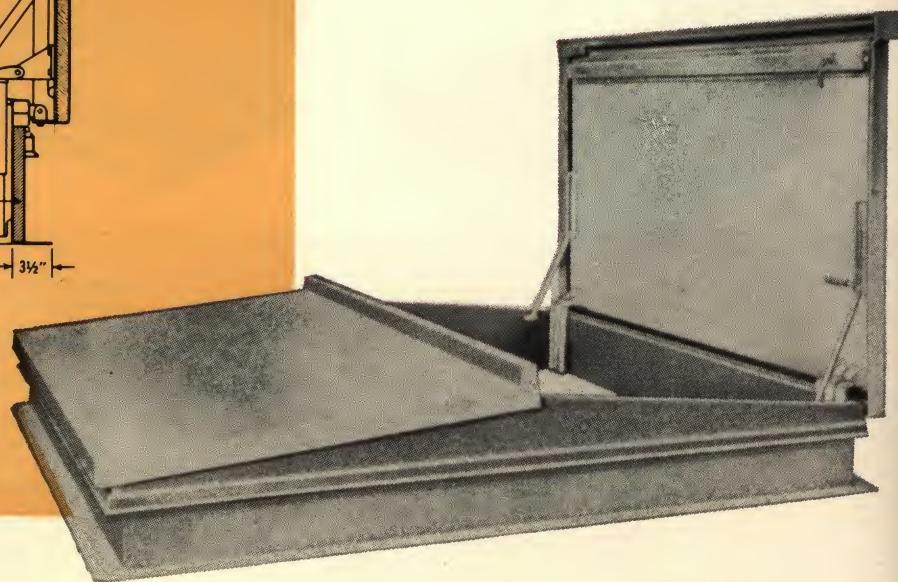
same gauge and material as the curb, full welded and ground at corners for absolute weathertightness. Insulation on the exterior of the curb shall be rigid fibre board 1" in thickness.

Scuttle shall be completely assembled with heavy pintle hinges, compression spring operators enclosed in telescopic tubes, positive snap latch with turn handles on inside and outside, and neoprene draft seal. Provision shall be made for padlocking on both inside and outside. Cover shall be equipped with an automatic hold open arm complete with red vinyl grip handle to permit easy one hand release.



**type  
"D"**

**Double Leaf for Extra Large Roof Openings**



The Type D double-leaf scuttle is ideal for the placement or removal of large equipment through the roof, thus eliminating extra wide doors in rooms and corridors below. It is of the same construction as standard scuttles and can be made in clear openings as large as 12'0" x 12'0". Compression spring operators afford easy one man operation.

## materials, prices, weights

Special types and sizes of Bilco scuttles are available in standard materials shown on page 4. Prices and shipping weights can be quoted promptly upon receipt of requirements.

Architects and engineers are urged to call upon the Bilco Engineering Department for assistance in designing the proper roof scuttle for special or unusual conditions.

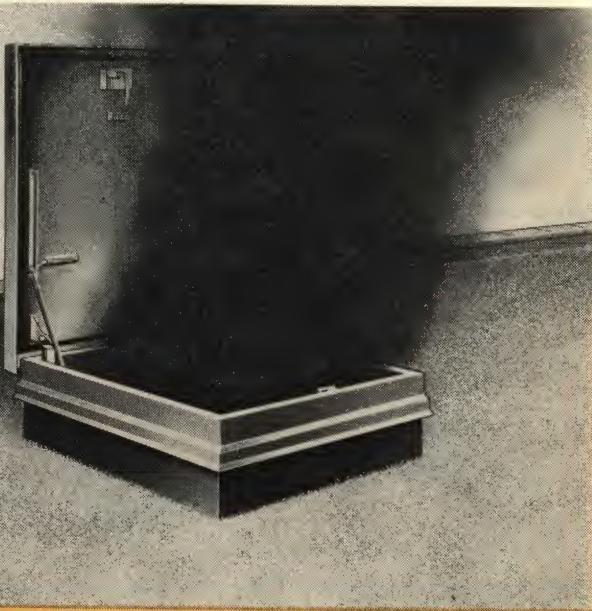
## special size single leaf

Special size single leaf scuttles are recommended for openings up to a maximum of 4'6" wide to 12'0" long, 5'0" wide to 6'6" long, and 5'6" wide to 6'0" long. For larger openings reference is made to Type D double leaf scuttle above.

## specification

**Type D double-leaf and Special Size single-leaf.** Same specification as standard scuttles (see lower part of page 5). Indicate clear opening and dimension on which covers are to be hinged.

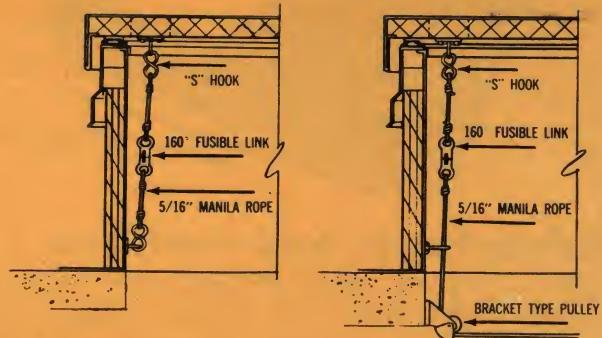
## SMOKE HATCHES



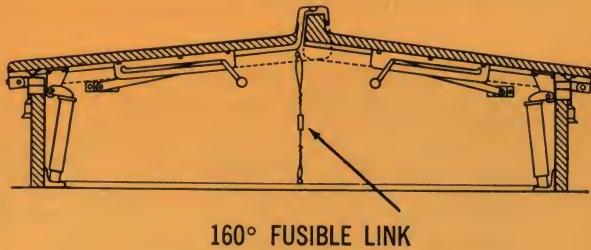
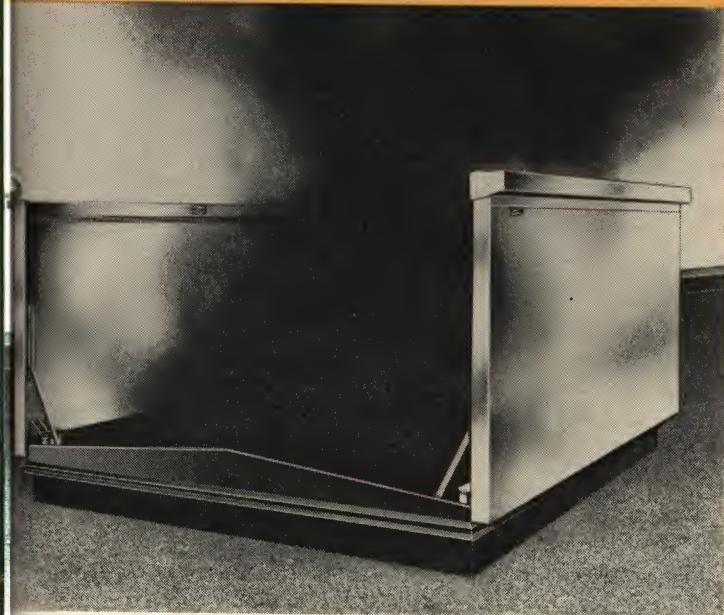
Single Leaf Smoke Hatch

BILCO smoke hatches provide the very best in automatic smoke venting and incorporate all the rugged construction features of BILCO roof scuttles. Powerful compression spring operators assure instantaneous cover opening when heat breaks the Underwriters Laboratory approved 160 degree fusible link. Thoroughly tested by an independent organization, they meet the most rigid requirements for this type of emergency equipment.

**Single-leaf** smoke hatches can be supplied in any standard scuttle size and in the wide range of special sizes shown on Page 6 under "special size single-leaf."



Double Leaf Smoke Hatch



**Double-leaf** smoke hatches fill the need for extra large openings. Both covers instantly open upon breakage of the fusible link.

## specification

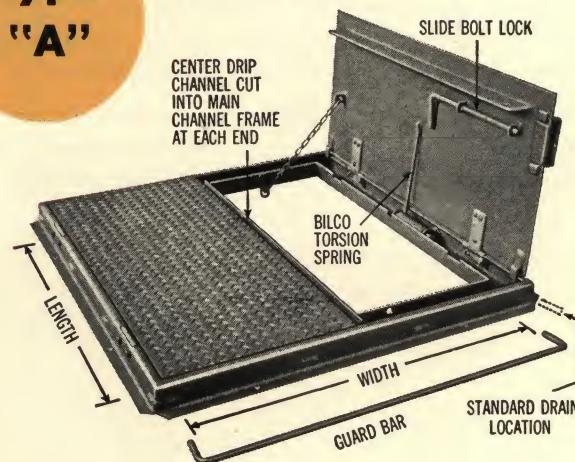
In specifying smoke hatches, the standard roof scuttle specification on the lower part of Page 5 applies, with the addition of the words "smoke hatch."

## special rigging

When floor operation is desired, a schematic drawing is provided for the guidance of the contractor in locating the pulleys and winch. Such rigging can also be supplied by BILCO when specified, at a slight additional charge.

**type  
"A"**

### Double-leaf Sidewalk or Floor Door



**type  
"VA"**

### Single-leaf Pit or Floor Door



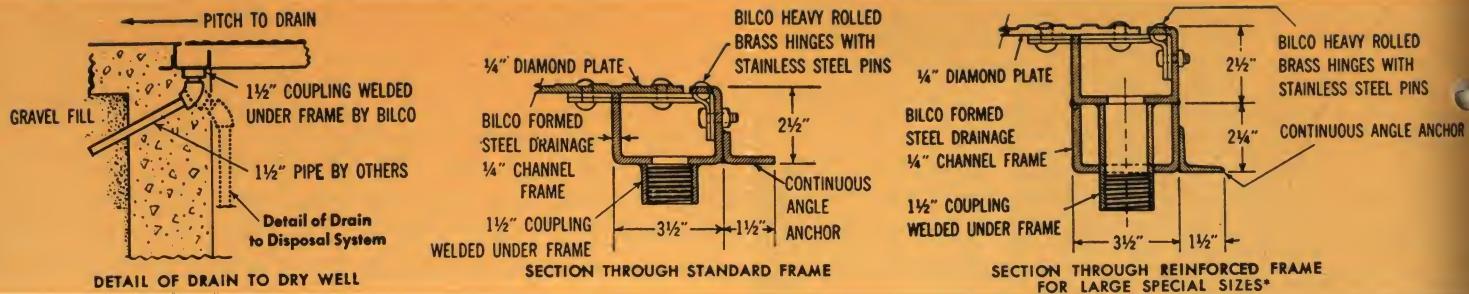
### advantages and features

Bilco access doors combine rugged heavy duty construction with built-in lift springs for easy operation. All units are completely watertight when installed outside and the channel frame prevents dirt from falling through to the area below when installed inside. Such features as reinforcing for

**special sizes** All BILCO interior/exterior doors are available in special sizes. Orders or specifications should state hinge side. (Prices on request for extra heavy duty doors for H-10, H-15 and H-20 loadings. Torsion lift springs not furnished on H-loaded doors.)

300 pounds per square foot live load and heavy brass hinges with stainless steel pins, insure long, trouble-free service. Type VA doors are equipped with a recessed lock which is operated by a special wrench provided. When specified same lock can be supplied on Type A double leaf, instead of interior slide bolt, at slight extra charge.

wrench provided. When specified same lock can be supplied on Type A double leaf, instead of interior slide bolt, at slight extra charge.

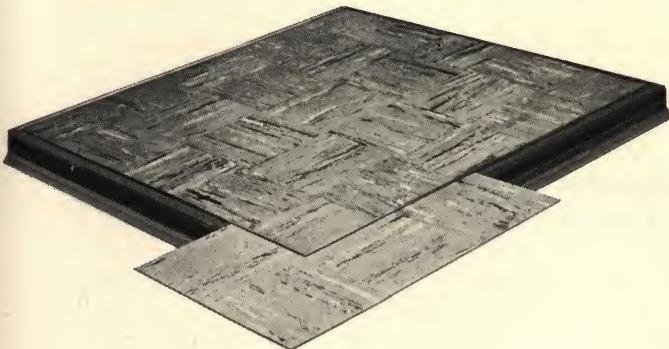
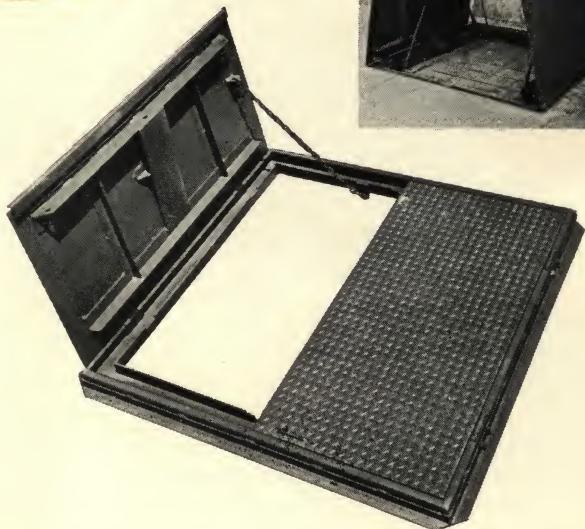


\* Furnished when determined necessary by Bilco Engineering Dept.

### standard sizes, prices and weights

TYPE A (Double Leaf)				Type VA (Single Leaf)				TYPE T (Double Leaf)				TYPE T (Single Leaf)							
Type	Clear Opening		Price	Shipping Wt. Lbs.	Type	Clear Opening		Price	Shipping Wt. Lbs.	Type	Clear Opening		Price	Shipping Wt. Lbs.	Type	Clear Opening		Price	Shipping Wt. Lbs.
	Width	Length				Width	Length				Width	Length				Width	Length		
A-10	2'10"	3'4"	\$131.	285	VA-10	2'0"	2'0"	\$ 89.	160	A-10T	2'10"	3'4"	\$162.	285	VA-10T	2'0"	2'0"	\$110.	160
A-20	3'4"	3'10"	143.	355	VA-15	3'0"	2'6"	109.	236	A-20T	3'4"	3'10"	177.	355	VA-15T	3'0"	2'6"	137.	236
A-30	3'10"	3'10"	152.	380	VA-20	3'0"	3'0"	117.	265	A-30T	3'10"	3'10"	190.	380	VA-20T	3'0"	3'0"	145.	265
					VA-30	3'6"	3'6"	133.	350						VA-30T	3'6"	3'6"	162.	350

Tracing Templates Available on Request

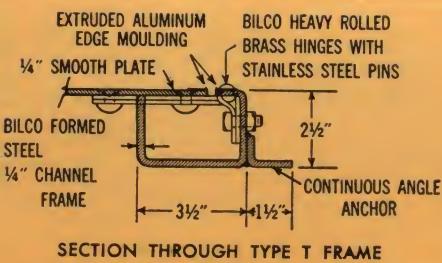
type  
"T"Single or double-leaf  
Interior Floor Doortype  
"AE"Double-leaf  
Sidewalk  
Elevator  
Door.

## advantages and features

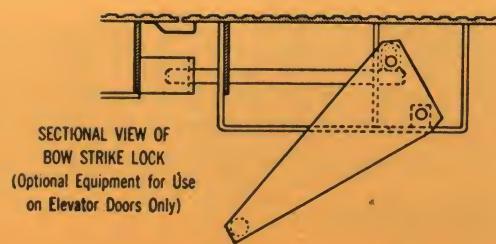
The Type T floor door was designed to fill the need for an access door that can be matched with the surrounding floor covering. It is of the same construction throughout as the Type A and Type VA but is furnished with a smooth plate door and the drain coupling is eliminated unless specified. Extruded aluminum molding strips are fastened to the frame and door leaf to receive composition floor covering of  $\frac{1}{8}$ " or  $\frac{3}{16}$ " thickness.

**special sizes** All BILCO interior/exterior doors are available in special sizes. Orders or specifications should state hinge side. (Prices on request for extra heavy duty doors for H-10, H-15 and H-20 loadings. Torsion lift springs not furnished on H-loaded doors.)

The Type AE Elevator Door is similar to the Type A door but is equipped with bow strike plates rather than lift springs. Lift springs can be provided if door will also be operated manually. An automatic bow strike locking device is available at an additional charge when specified. These units are not made in standard sizes but are fabricated to order from the elevator manufacturer's details.



SECTION THROUGH TYPE T FRAME



frame. Manufacturer's prime coat of red oxide paint shall be applied to door and frame before shipment.

**Type T.** Same as Type A or Type VA except door(s) shall be  $\frac{1}{4}$ " smooth steel plate and door(s) and frame shall be complete with extruded aluminum molding to receive composition floor covering of \_\_\_\_\_ thickness. (Please state whether flooring material is  $\frac{1}{8}$ " or  $\frac{3}{16}$ ".)

**Type AE.** Same as Type A but eliminate reference to lift springs (unless desired for occasional manual operation). Doors shall be equipped with strike plates to engage elevator bow iron. (Please specify if the automatic bow strike locking device is desired.)

## specification

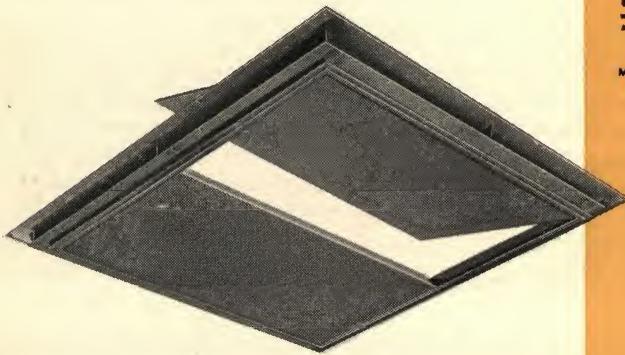
Access door shall be Bilco Type — as manufactured by The Bilco Company, New Haven 5, Conn.

**Type A, Type VA.** Door(s) shall be  $\frac{1}{4}$ " diamond pattern plate reinforced for a live load of 300 pounds per square foot. Frame shall be  $\frac{1}{4}$ " steel formed to a channel  $3\frac{1}{2}$ " wide. This channel shall have a  $1" \times 1\frac{1}{2}"$  angle anchor welded to the perimeter. Door(s) shall be equipped with a minimum of two heavy brass hinges with stainless steel pins. Springs shall be built into the channel frame to afford easy operation and so as not to reduce the clear opening. A  $1\frac{1}{2}"$  drainage coupling shall be provided in the lower right corner of the channel

## CEILING ACCESS DOORS Types and Sizes



**Standard single-leaf** Bilco ceiling access doors provide neat looking convenient access — available also in special sizes. For durability, and to offer the finest base for finish painting, the frame and leaf are fabricated of 14 gauge paint bond galvanized steel, prime painted. An 11 gauge aluminum leaf is available as an alternate.



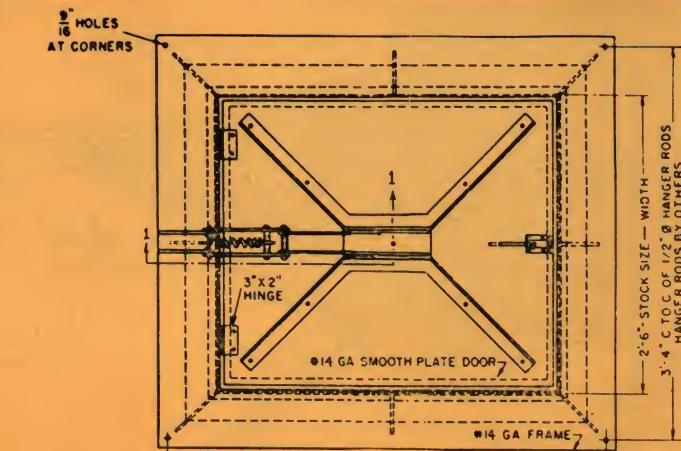
**Special double-leaf** Bilco ceiling access doors (in the same metals as above) are ideal when a larger size is required or when there is not sufficient clearance above to permit full opening of the single-leaf type.

### specification

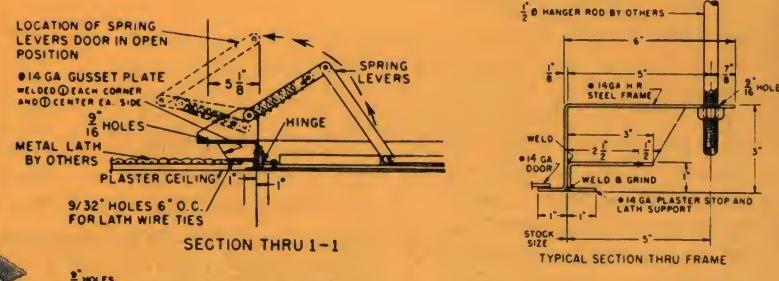
Furnish and install where indicated on plans ceiling access door Type \_\_\_\_ as manufactured by The Bilco Company, New Haven 5, Connecticut. (If special double-leaf, state size, and dimension on which doors are to be hinged.)

Frame shall be fabricated of 14 gauge paint bond galvanized steel, prime painted. Door(s) shall be (indicate 14 gauge paint bond galvanized steel, prime painted, or 11 gauge aluminum) complete with plaster stop and lath support. Provision shall be made in frame at corners to receive 1/2" round hanger rod.

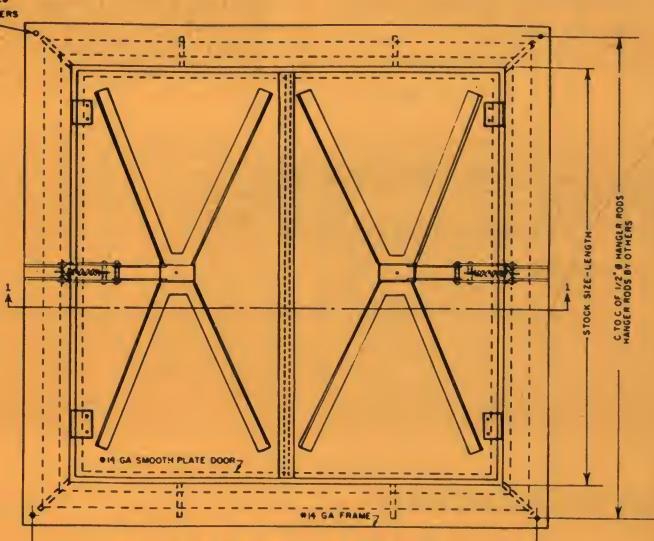
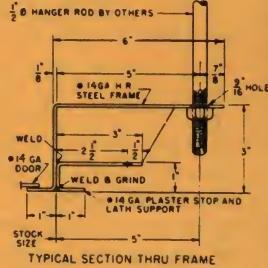
Door shall be equipped with a spring lever to assist in opening and closing and a positive snap latch.



Type CAD Single Leaf



SECTION THRU 1-1



Type CAD Double Leaf

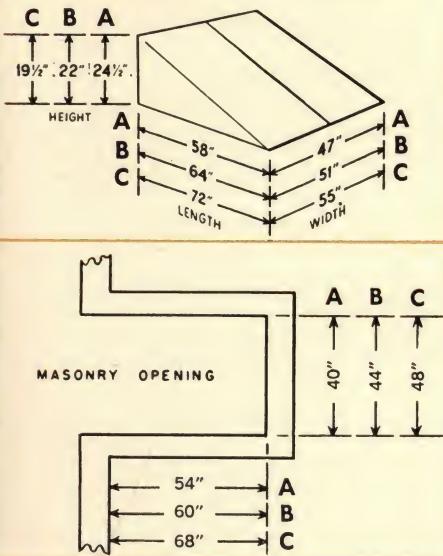
### materials, prices, weights — single leaf

Double leaf and special size single leaf prices on request.

TYPE	STANDARD SIZE	MATERIAL	PRICE	WT. (Lbs.)
CAD No. 1	2'6" x 2'6"	14 ga. steel	\$71.	110
CAD No. 2	2'6" x 3'0"	14 ga. steel	79.	125
CAD No. 1A	2'6" x 2'6"	14 ga. steel frame— 11 ga. aluminum door	76.	90
CAD No. 2A	2'6" x 3'0"	14 ga. steel frame— 11 ga. aluminum door	85.	100

# Bilco

## Three Standard Sizes (Special Sizes are Not Available)



Bilco Door package.



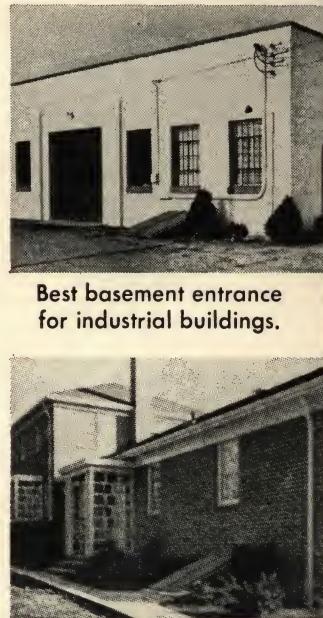
Bilco Stair  
Stringer package.



Bilco Doors are quickly assembled and installed by one man.

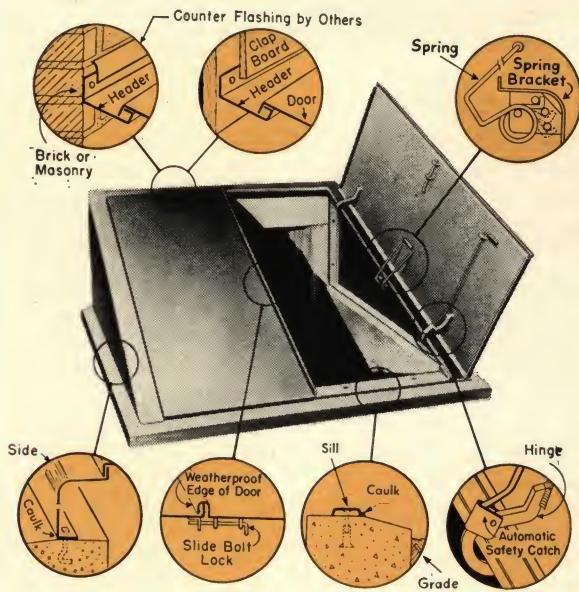


Feather Action operators afford effortless operation.



Ideal for homes  
and apartments.

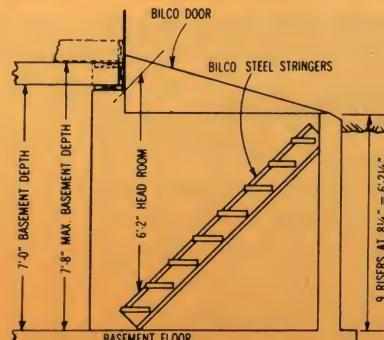
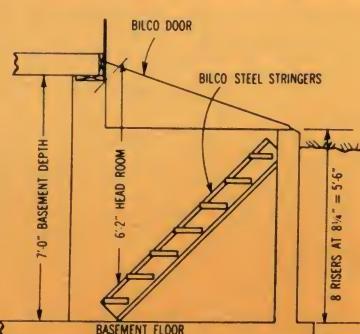
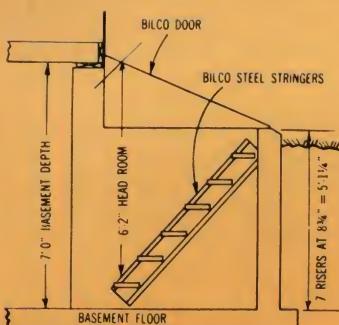
## STEEL BASEMENT DOORS



### Shipping Weights:

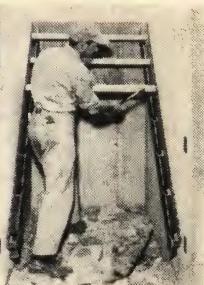
Size A, 165 lbs. Size B, 185 lbs. Size C, 215 lbs.

## STAIR STRINGERS



**NOTE: 1. For other basement depths or different grade conditions job built steps of wood or masonry are recommended. For layouts write for Form SL-300.**

**2. For shallow grade condition, raise BILCO door by cutting backs of side-pieces at proper angle, pour masonry on pitch under door. Cut-off chart for various heights and other information pertaining to special installations is available in BILCO folder Form RF-150.**



## specification

Bulkhead door to basement shall be Bilco Size \_\_\_\_\_. Door to be standard packaged assembly available from local lumber and building supply dealers. Unit shall be constructed of #12 gauge steel with prime finish flowcoated and baked on at factory. It shall be furnished complete with all hardware, assembly bolts, caulking compound and hook anchors. Installation to be in accordance with manufacturer's instruction sheet. Painting contractor shall apply finish coat of \_\_\_\_ (color) alkyd resin enamel after installation.



## REPRESENTATIVES

### ALABAMA

Fred Middleton Company, Inc.  
P. O. Box 7405  
Birmingham 13 Phone: TRemont 9-2417

### ARIZONA

McArthur Specialty Company  
4137 North 44th Place  
Phoenix Phone: WHItney 5-8218

### ARKANSAS

John F. Brett  
315 West Markham Street  
Little Rock Phone: FR 5-4928

### CALIFORNIA

Schultz-Deweys & Company  
P. O. Box 987  
Oakland 4 Phone: GLencourt 1-7400

Daniel Dunner  
6200 Alonzo Avenue  
Reseda Phone: Dickens 2-1496

Healey & Popovich  
1703 Fulton  
Fresno Phone: AMherst 4-4736

### COLORADO

The Colorado Builders' Supply Company  
1534 Blake Street  
Denver 2 Phone: AComa 2-3851

### CONNECTICUT

The Bilco Company  
P. O. Box 1203  
New Haven Phone: WEst 4-2603

### DELAWARE

R. C. Kratz Company  
1 East Wynnewood Road  
Wynnewood, Pa. Phone: Midway 9-9153

### FLORIDA

Associated Elevator & Supply Co.  
501 N.W. 54th Street  
Miami 37 Phone: PLaza 7-4255

Florida Distributors  
P. O. Box 801  
Tampa Phone: RE 7-4848

Florida Distributors  
P. O. Box 5026  
Jacksonville Phone: EX 8-1521

### GEORGIA

William E. McGill and Company  
205 Red Rock Building  
Atlanta 3 Phone: JAckson 5-7644

### ILLINOIS

Johnson Fire Proof Door Company, Inc.  
3925 North Elston Avenue  
Chicago 18 Phone: KEystone 9-5140

### INDIANA

Schlamp Building Specialties, Inc.  
P. O. Box 516  
Evansville 3 Phone: HArrison 3-4475

Louis W. Bruck  
52 South Audubon Road  
Indianapolis 19 Phone: Fleetwood 7-1904

### KANSAS

B-D-R Engineering Corp.  
1933 North Tenth Street  
Kansas City Phone: Mayfair 1-0600

Supply Service, Inc.  
P. O. Box 73  
Hutchinson Phone: MOhawk 3-9111

Supply Service, Inc.  
128 South Fifth  
Salina Phone: TAylor 7-6230

Supply Service, Inc.  
P. O. Box 1678  
Wichita Phone: AMherst 7-5831

### KENTUCKY

Paul O. Schubert  
P. O. Box 902  
Lexington Phone: 4-0950

Schneider Building Products  
2345 Frankfort Avenue  
Louisville 6 Phone: TWInbrook 6-4459

### LOUISIANA

Favorit & Pierson  
3501 Toulouse Street  
New Orleans 19 Phone: AMherst 5733

### MARYLAND

The J. D. Slaughter Company  
2326 North Charles Street  
Baltimore 18 Phone: CHesapeake 3-2277

### MASSACHUSETTS

Clark Engineered Products  
108 Massachusetts Avenue  
Boston 15 Phone: KEnmore 6-5290

### MICHIGAN

Wolverine Door Company, Inc.  
2966 East Seven Mile Road  
Detroit 34 Phone: FOrest 6-8989

L. G. Cook  
229 Westmont Drive, N.W.  
Grand Rapids 4 Phone: GLendale 8-2267

C. T. DeHaas Company  
P. O. Box 89  
Marquette Phone: CA 6-6515

### MINNESOTA

Bartley Sales Company, Inc.  
134 South Tenth Street  
Minneapolis 3 Phone: FEderal 8-7838

### MISSOURI

B-D-R Engineering Corp.  
1933 North Tenth Street  
Kansas City, Kansas Phone: MAYfair 1-0600

The Carlin Company  
117 Helfenstein  
Webster Groves 19 Phone: WOodland 2-8865

### MONTANA

Montana Steel & Supply Company  
714 Sixth Avenue, North  
Billings Phone: 9-3639

Montana Steel & Supply Company  
1107 Central Avenue, West  
Great Falls Phone: GL 2-2011

### NEBRASKA

Builders Products Company  
3928 Lake Street  
Omaha Phone: PR 2600

### NEW MEXICO

Cobusco Steel Products  
2001 Gold Avenue, S.E.  
Albuquerque Phone: Chapel 3-2291

### NEW YORK

Baehr & Shumway  
41 Elmwood Avenue  
Buffalo 1 Phone: Elmwood 2702

F. E. Davies Company  
44 Hartford Terrace  
New Hartford Phone: UTica 4-7014

A. Perry Roberts  
233 Broadway  
New York 7 Phone: BArclay 7-1245

Carberry Building Specialties  
135 Spring Street  
Rochester 8 Phone: BAker 5-2945

Fireproof Materials Company  
P. O. Box 91, Brandywine Station  
Schenectady 7 Phone: FR 4-6211

B. R. Johnson and Son, Inc.  
5900 South Salina Street  
Syracuse 5 Phone: HO 9-3244

B. R. Johnson and Son, Inc.  
P. O. Box 312  
Watertown Phone: SUNset 2-1320

### NORTH CAROLINA

Bayard H. Storm  
P. O. Box 6196  
Charlotte 7 Phone: EDison 3-9485

### OHIO

Calvin C. Huenefeld & Associates  
626 Broadway  
Cincinnati 2 Phone: GArfield 1-2375

Mechanical Equipment Company, Inc.  
3100 Prospect Avenue  
Cleveland 15 Phone: ENdicot 1-6212

### OKLAHOMA

D. A. Puckett  
P. O. Box 3734  
Oklahoma City 6 Phone: FOrest 5-6833

### OREGON

W. H. Cress Company  
201 Concord Building  
Portland 4 Phone: CApital 8-1714

### PENNSYLVANIA

A. D. Sutherland Company  
505 Grant Building  
Pittsburgh 19 Phone: COurt 1-2277

R. C. Kratz Company  
1 East Wynnewood Road  
Wynnewood Phone: Midway 9-9153

### RHODE ISLAND

Edcar Sales Company  
634 Broad Street  
Providence 7 Phone: DExter 1-6123

### SOUTH CAROLINA

Bayard H. Storm  
P. O. Box 6196  
Charlotte 7, N. C. Phone: EDison 3-9485

### TENNESSEE

Lancaster Associates  
John Sevier Hotel Building  
Johnson City Phone: 3200

Lancaster Associates  
Andrew Johnson Hotel Building  
Knoxville Phone: 4-4623

Maury & Company  
P. O. Box 3753  
Memphis Phone: BR 2-9656

Builders Specialties Co., Inc.  
1523 Demonbreun Street  
Nashville 4 Phone: Alpine 6-0325

### TEXAS

R. M. Sedwick Company  
Mercantile Continental Building  
Dallas 1 Phone: RI 1-3519

Architectural Products Co., Inc.  
P. O. Box 7307  
El Paso Phone: KEystone 3-9547

Lehman Steel Products Company  
2423 Dunstan  
Houston 5 Phone: JA 3-2511

Merbeth & White Company  
146-B Olmos Drive West  
San Antonio 12 Phone: TAylor 6-8641

### UTAH

Joel P. Paulson & Company  
P. O. Box 132, Sugar House Station  
Salt Lake City 6 Phone: HUnter 5-9251

### VIRGINIA

The Staley Company, Inc.  
2205 Tazewell Street  
Richmond 22 Phone: Milton 4-4539

A. L. Horwitz  
P. O. Box 496  
Roanoke Phone: Diamond 4-6902

### WASHINGTON

F. T. Crowe & Company, Inc.  
329 Second Avenue, West  
Seattle 99 Phone: ATwater 4-8484

### WEST VIRGINIA

Fireproof Products Company  
P. O. Box 2311  
Charleston 28 Phone: Dickens 2-8111

### WISCONSIN

J. M. Mitchell Products Co.  
759 N. Milwaukee Street  
Milwaukee 2 Phone: BRoadway 6-6152

### WYOMING

The Colorado Builders' Supply Co.  
2100 East Yellowstone Highway  
Casper Phone: 3-3785

### CANADA

Alberta  
Evans Engineering Sales Ltd.  
3628 Burnsland Road  
Calgary Phone: CHestnut 3-5506

Evans Engineering Sales Ltd.  
11226 - 156th Street  
Edmonton Phone: HU 9-5581

British Columbia  
Ritchie Equipment Company Ltd.  
2685 Maple Street  
Vancouver 9 Phone: REgent 1-4191

### Manitoba

J. J. Thomas  
P. O. Box 125  
Brantford, Ontario Phone: St. George 214

### Newfoundland

J. C. Pratt & Company, Ltd.  
P. O. Box 866  
St. John's

### Nova Scotia

R. R. Power Limited  
100 Brunswick Street  
Halifax Phone: 3-7797

### Ontario

J. J. Thomas  
P. O. Box 125  
Brantford Phone: St. George 214

### Quebec

Hartco Steel Products, Ltd.  
P. O. Box 127  
Rosedale, Montreal 36 Phone: RA 8-9289

### Saskatchewan

Evans Engineering Sales, Ltd.  
#7 Mitchell Building  
Regina Phone: LA 3-3443

### Hawaii

Lewers & Cooke, Ltd.  
P. O. Box 2930  
Honolulu 2 Phone: 5-1961

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